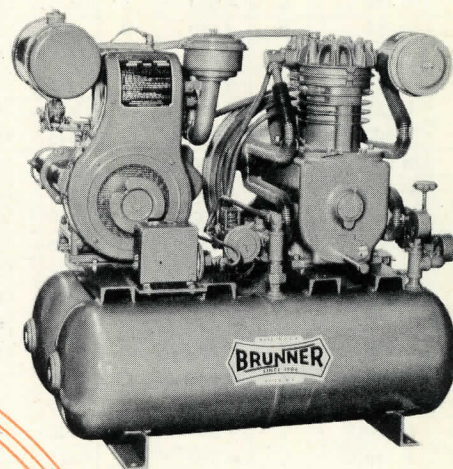
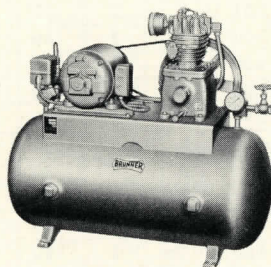
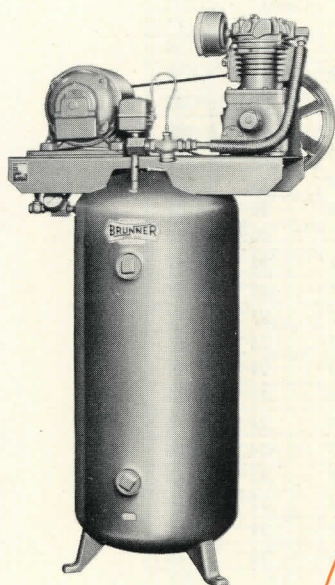


AIR COMPRESSORS

CONSOLIDATED DATA SHEET

Listing All Models with Specifications

JUN 4 1955

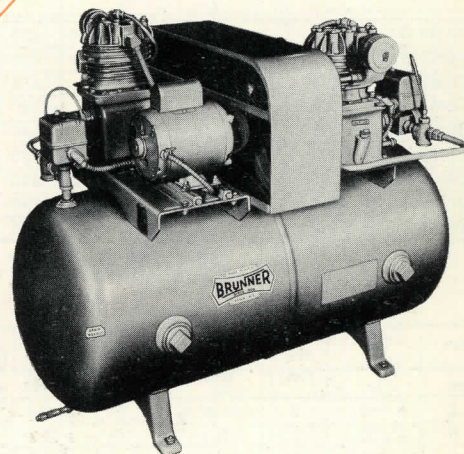
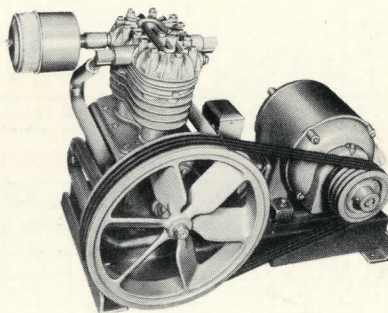
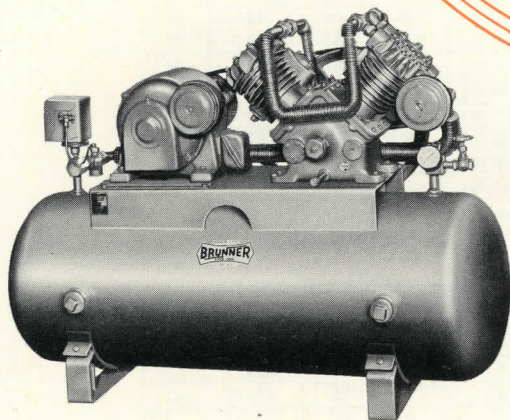


$\frac{1}{4}$ thru 20 HP



Single and Two Stage

Automotive and Industrial Models
For All Applications



FOR OUTFITS 25 H.P. THRU 50 H.P., SEE BRUNNER CATALOG NO. 37

BRUNNER MANUFACTURING COMPANY, UTICA, N.Y., U.S.A.

SINGLE STAGE AIR COMPRESSOR OUTFITS — ELECTRIC MOTOR DRIVEN

Final Letters of Model Numbers Indicate: H—Horizontal, V—Vertical, P—Power Plant Less Tank, D—Duplex Outfits, G—Gasoline Engine Driven

New Model No.	Old Model No.	New Comp. No.	Old Comp. No.	No. Cyl.	Comp. R.P.M.	Max. Cut Off Pr. Sett. $\frac{1}{2}$ "	Cu. Ft. Displ. Per Min.	Cu. Ft. Free Air Per Min.	Motor H.P.	No. of Belts	Tank Size Gals.	Approx. Shipping Weight	Dimensions			Boxed for Export Cu. Ft.
													Height	Length	Width	
2AH2	H 314	A	A 140	2	430	150	1.21	0.64	$\frac{1}{4}$	1	20	180 lbs.	28"	34½"	14"	14
3AH2	H 233	A	A 140	2	475	150	1.32	0.75	$\frac{1}{3}$	1	20	195 lbs.	28"	34½"	14"	14
5BH3	H 333	B	A 330	2	720	150	2.96	1.70	$\frac{1}{2}$	1	32	242 lbs.	31½"	44"	15"	19
7CH3	H 350	C	A 500	2	675	150	4.5	2.40	$\frac{3}{4}$	1	32	305 lbs.	33"	44"	15"	20
10DH3	H 365	D	A 650	2	580	150	5.76	3.51	1	2	32	370 lbs.	33"	44"	15"	25
10DH6	H 665	D	A 650	2	580	150	5.76	3.51	1	2	60	504 lbs.	40½"	48"	21"	39
15EH6	H 632	E	A 320	2	435	150	7.4	4.50	1½	2	60	590 lbs.	43"	48"	21"	39
15EH8	H 732	E	A 320	2	435	150	7.4	4.50	1½	2	80	630 lbs.	42½"	60"	22"	52
20FH6	H 620	F	A 2000	2	545	150	11.7	6.90	2	2	60	580 lbs.	36"	48"	22"	38
20FH8	H 720	F	A 2000	2	545	150	11.7	6.90	2	2	80	635 lbs.	42½"	60"	22"	52
30GH8	H 7503	G	A 5000	4	440	100	19.8	13.4	3	3	80	770 lbs.	45"	60"	22"	52
50GH8	H 7505	G	A 5000	4	670	100	30.1	19.1	5	4	80	815 lbs.	45"	60"	22"	52
10DV6	V 665	D	A 650	2	580	150	5.76	3.51	1	2	60	504 lbs.	71"	32"	23"	47
15EV6	V 632	E	A 320	2	435	150	7.4	4.50	1½	2	60	535 lbs.	71"	32"	23"	47
15EV8	V 732	E	A 320	2	435	150	7.4	4.50	1½	2	80	620 lbs.	71"	31"	25"	51
20FV6	V 620	F	A 2000	2	545	150	11.7	6.90	2	2	60	595 lbs.	71"	32"	23"	47
20FV8	V 720	F	A 2000	2	545	150	11.7	6.90	2	2	80	660 lbs.	71"	31"	25"	51
2AH3-D	H 314D	A	A 140	2	445	75	1.25	.99	(2)¼	1	32	423 lbs.	29½"	45"	22"	21
5BH3-D	H 333D	B	A 330	2	640	100	2.62	1.8	(2)½	1	32	423 lbs.	29½"	45"	22"	21
5CH3-D	H 333LD	C	A 500	2	420	100	2.8	1.75	(2)½	1	32	483 lbs.	34½"	45"	24"	25
7CH3-D	H 350LD	C	A 500	2	675	100	4.5	2.73	(2)¾	1	32	483 lbs.	34½"	45"	24"	25
10DH6-D	H 365D	D	A 650	2	585	100	5.8	3.8	(2)1	2	60	640 lbs.	40"	48"	32"	45
7DH6-D	H 365LD	D	A 650	2	495	100	4.9	2.94	(2)¾	2	60	640 lbs.	40"	48"	32"	45
15EH6-D	H 632D	E	A 320	2	450	100	7.65	5.34	(2)1½	2	60	930 lbs.	42"	48"	32"	45
20FH6-D	H 620D	F	A 2000	2	545	100	11.7	6.6	(2)2	2	60	950 lbs.	42"	48"	32"	45
													Outlet Pipe Size			
2AP	P 314	A	A 140	2	430	150	1.21	0.64	$\frac{1}{4}$	1	$\frac{3}{8}$ "	120 lbs.	18"	33½"	16½"	8
5BP	P 333	B	A 330	2	720	150	2.9	1.70	$\frac{1}{2}$	1	$\frac{3}{8}$ "	148 lbs.	18"	29½"	19½"	6
7CP	P 350	C	A 500	2	675	150	4.5	2.40	$\frac{3}{4}$	1	$\frac{1}{2}$ "	225 lbs.	18"	29½"	19½"	13
10DP	P 365	D	A 650	2	580	150	5.76	3.51	1	2	$\frac{1}{2}$ "	270 lbs.	21½"	29½"	24"	14
15EP	P 632	E	A 320	2	435	150	7.4	4.50	1½	2	$\frac{1}{2}$ "	340 lbs.	24"	37"	26"	18
20FP	P 620	F	A 2000	2	545	150	11.7	6.90	2	2	$\frac{3}{4}$ "	370 lbs.	24"	37"	26"	18
30GP	P 7503	G	A 5000	4	440	100	19.8	13.4	3	3	$\frac{3}{4}$ "	550 lbs.	22¼"	37"	19½"	27
50GP	P 7505	G	A 5000	4	670	100	30.1	19.1	5	4	$\frac{3}{4}$ "	625 lbs.	22¼"	37"	19½"	27
75JP	P 8107	J	A 10000	4	515	100	50.8	34.9	7½	5	1¼"	940 lbs.	34¼"	61"	28"	49
100JP	P 12101	J	A 10000	4	655	100	64.5	41.7	10	5	1¼"	1040 lbs.	34¼"	61"	28"	49
150KP	P 122015	K	A 20000	4	555	100	91.0	63.4	15	5	1¼"	1695 lbs.	37½"	60"	30"	60
200KP	P 122020	K	A 20000	4	655	100	107.5	74.3	20	5	1¼"	1795 lbs.	37½"	60"	30"	60

GASOLINE ENGINE DRIVEN OUTFITS

									Engine H.P.		Tank Size Gals.					
16AH2-G	H 314G	A	A 140	2	430	150	1.21	0.64	1.6	1	20	180 lbs.	32"	32½"	14"	15
16BH3-G	H 333G	B	A 330	2	720	150	2.96	1.70	1.6	1	32	242 lbs.	38¾"	44"	15"	20
23CH3-G	H 350G	C	A 500	2	675	150	4.5	2.40	2.3	1	32	350 lbs.	38¼"	44"	15"	21
23DH3-G	H 365G	D	A 650	2	580	150	5.76	3.51	2.3	2	32	400 lbs.	38¼"	44"	15"	25
23DH6-G	H 665G	D	A 650	2	580	150	5.76	3.51	2.3	2	60	530 lbs.	45¼"	54"	22"	39
40EH6-G	H 632G	E	A 320	2	435	150	7.4	4.50	4	2	60	630 lbs.	42½"	54"	22"	39
40EH8-G	H 732G	E	A 320	2	435	150	7.4	4.50	4	2	80	680 lbs.	42½"	60"	22"	52
40FH6-G	H 620G	F	A 2000	2	545	150	11.7	6.90	4	2	60	600 lbs.	42½"	54"	22"	39
40FH8-G	H 720G	F	A 2000	2	545	150	11.7	6.90	4	2	80	655 lbs.	42½"	60"	22"	52

NOTICE! At extra cost all "H", "V" or "P" Models are available with Unloader for Continuous in addition to Start-Stop Operation. Add "C" to model number when ordering.

SIMPLE COMPRESSORS, SINGLE STAGE — Available With or Without Flywheel

New Model No.	Old Model No.	No. Cyl.	Bore and Stroke	Motor Size H.P. Required	Max. Comp. R.P.M.	Max. Cut Off Press. Setting	Displ. Cu. In. Per Revolution	Cu. Ft. Displ. Per Min.	Cu. Ft. Free Air Per Min.	Fly Wheel Pulley Size	Outlet Pipe Size	Fly Wheel Pulley Grooves	Ship. Weight Lbs.	Dimensions		Boxed for Export Cu. Ft.
														Height	Floor Space	
A	A 140	2	1½x1½	$\frac{1}{4}$	430	150	4.85	1.21	0.64	8"	$\frac{3}{8}$ "	1	58	15"	12x12	2
B	A 330	2	1½x1½	$\frac{1}{2}$	720	150	7.1	2.96	1.70	8"	$\frac{3}{8}$ "	1	65	15"	12x12	2
C	A 500	2	2½x1½	$\frac{3}{4}$	675	150	11.52	4.5	2.40	12"	$\frac{1}{2}$ "	1	92	16"	13x14	4
D	A 650	2	2½x1½	1	580	150	17.18	5.76	3.51	12"	$\frac{1}{2}$ "	2	135	20"	16x19	5
E	A 320	2	2½x3	1½	435	150	29.4	7.4	4.50	14"	$\frac{1}{2}$ "	2	151	18"	16x17	5
F	A 2000	2	3¼x2¼	2	545	150	37.2	11.7	6.90	16"	$\frac{3}{4}$ "	2	175	21"	16x20	5
G	A 5000	4	3¼x2¼	3	440	100	74.4	19.8	13.4	18"	$\frac{3}{4}$ "	3	387	21"	24x30	14
G	A 5000	4	3¼x2¼	5	670	100	170.2	30.1	19.1	26"	1"	5	775	24"	26x22	27
J	A 10000	4	4¼x3	7½	515	100	170.2	50.8	34.9	26"	1"	5	775	24"	26x22	27
J	A 10000	4	4¼x3	10	655	100	170.2	64.5	41.7	26"	1"	5	775	24"	26x22	27
K	A 20000	4	4¼x5	15	555	100	283.7	91.0	63.4	26"	1¼"	5	1100	26"	39x29	30

TWO STAGE SPECIFICATIONS

AIR COMPRESSOR OUTFITS—ELECTRIC MOTOR DRIVEN

Final Letters of Model Numbers Indicate: H—Horizontal, V—Vertical, P—Power Plant Less Tank, D—Duplex Outfits, G—Gasoline Engine Driven

New Model No.	Old Model No.	New Comp. No.	Old Comp. No.	No. Cyl.	Comp. R.P.M.	Max. Cut Off Pr. Sett. #/□"	Cu. Ft. Displ. Per Min.	Cu. Ft. Free Air Per Min.	Motor H.P.	No. of Belts	Tank Size Gals.	Approx. Shipping Weight	Dimensions			Boxed for Export Cu. Ft.
													Height	Length	Width	
15QH6	H 621	Q	A 212	2	435	175	7.25	5.2	1½	2	60	570 lbs.	40½"	48"	22"	39
15QH8	H 721	Q	A 212	2	435	175	7.25	5.2	1½	2	80	605 lbs.	44"	60"	23"	52
20QH6	H 6212	Q	A 212	2	625	175	10.4	7.4	2	2	60	650 lbs.	40½"	48"	22"	39
20QH8	H 7212	Q	A 212	2	625	175	10.4	7.4	2	2	80	700 lbs.	44"	60"	23"	52
30RH8	H 7413	R	A 414	2	400	175	14.6	12.0	3	3	80	720 lbs.	46"	60"	23"	52
30RH12	H 1243	R	A 414	2	400	175	14.6	12.0	3	3	120	1060 lbs.	52"	64"	28"	77
50RH8	H 7415	R	A 414	2	610	175	22.2	18.0	5	3	80	745 lbs.	46"	60"	23"	53
50RH12	H 1245	R	A 414	2	610	175	22.2	18.0	5	3	120	1100 lbs.	52"	64"	28"	76
75SH8	H 8717	S	A 17301	4	450	175	33.2	28.1	7½	5	80	1420 lbs.	50"	60"	28"	77
75SH12	H 12717	S	A 17301	4	450	175	33.2	28.1	7½	5	120	1680 lbs.	54"	64"	28"	89
100SH8	H 8710	S	A 17301	4	555	175	41.0	35.0	10	5	80	1440 lbs.	50"	60"	28"	77
100SH12	H 12710	S	A 17301	4	555	175	41.0	35.0	10	5	120	1700 lbs.	54"	64"	28"	89
150TH12	H 12215	T	A 20301	4	555	175	68.2	56.5	15	5	120	2100 lbs.	61"	69"	32"	99
15QV6	V 621	Q	A 212	2	435	175	7.25	5.2	1½	2	60	545 lbs.	71"	32"	23"	47
15QV8	V 721	Q	A 212	2	435	175	7.25	5.2	1½	2	80	620 lbs.	71"	31"	25"	51
20QV6	V 6212	Q	A 212	2	625	175	10.4	7.4	2	2	60	570 lbs.	71"	32"	23"	47
20QV8	V 7212	Q	A 212	2	625	175	10.4	7.4	2	2	80	660 lbs.	71"	31"	25"	51
30RV8	V 7413	R	A 414	2	400	175	14.6	12.0	3	3	80	690 lbs.	72"	35"	24"	53
											Outlet Pipe Size					
15QP	P 621	Q	A 212	2	435	175	7.25	5.2	1½	2	½"	375 lbs.	24"	37"	26"	25
20QP	P 6212	Q	A 212	2	625	175	10.4	7.4	2	2	½"	405 lbs.	24"	37"	26"	25
30RP	P 7413	R	A 414	2	400	175	14.6	12.0	3	3	¾"	550 lbs.	30"	37"	26"	27
50RP	P 7415	R	A 414	2	610	175	22.2	18.0	5	3	¾"	625 lbs.	30"	37"	26"	27
75SP	P 12717	S	A 17301	4	450	175	33.2	28.1	7½	5	1¼"	1200 lbs.	33½"	61"	28"	55
100SP	P 12710	S	A 17301	4	555	175	41.0	35.0	10	5	1¼"	1300 lbs.	33½"	61"	28"	55
150TP	P 12215	T	A 20301	4	555	175	68.5	56.5	15	5	1¼"	1700 lbs.	36"	60"	30"	65
200TP	P 12220	T	A 20301	4	655	175	80.7	66.2	20	5	1¼"	1800 lbs.	36"	60"	30"	65

GASOLINE DRIVEN OUTFITS

									Engine H.P.		Tank Size Gals.					
40QH6-G	H 6212G	Q	A 212	2	625	175	10.4	7.4	4	2	60	670 lbs.	42½"	54"	22"	39
40QH8-G	H 7212G	Q	A 212	2	625	175	10.4	7.4	4	2	80	720 lbs.	42½"	60"	23"	52
75RN3-G	*H 3545GA	R	A 414	2	535	175	20.4	16.0	7.5	3	2-17½	625 lbs.	37½"	38"	28"	30
80RN3-G	*H 3545GU	R	A 414	2	535	175	20.4	16.0	8.0	3	2-17½	675 lbs.	37½"	38"	28"	30

NOTICE! At extra cost all "H", "V" or "P" Models are available with Unloader for Continuous in addition to Start-Stop Operation. Add "C" to model number when ordering.
*Available With Either Electric or Rope Start

SIMPLE COMPRESSORS, TWO STAGE—Available With or Without Flywheel

New Model No.	Old Model No.	No. Cyl.	Bore and Stroke	Motor Size H.P. Required	Max. Comp. R.P.M.	Max. Cut Off Press. Setting	Displ. Cu. In. Per Revolution	Cu. Ft. Displ. Per Min.	Cu. Ft. Free Air Per Min.	Fly Wheel Pulley Size	Outlet Pipe Size	Fly Wheel Pulley Grooves	Ship. Weight Lbs.	Dimensions		Boxed for Export Cu. Ft.
														Height	Floor Space	
Q	A 212	2	3½x1½ ¹³ / ₁₆ x3	1½	435	175	28.7	7.25	5.2	14"	½"	2	165	23"	15x16	8
Q	A 212	2	3½x1½ ¹³ / ₁₆ x3	2	625	175	28.7	10.4	7.4	14"	½"	2	165	23"	15x16	8
R	A 414	2	4½x2½x4	3	400	175	63.2	14.6	12.0	18"	¾"	3	235	25"	18x19	8
R	A 414	2	4½x2½x4	5	610	175	63.2	22.2	18.0	18"	¾"	3	235	25"	18x19	8
S	A 17301	4	4¼x4¼x3	7½	450	175	127.7	33.2	28.1	26"	1"	5	805	24"	26x22	27
S	A 17301	4	4¼x4¼x3	10	555	175	127.7	41.0	35.0	26"	1"	5	805	24"	26x22	27
T	A 20301	4	4¼x4¼x5	15	555	175	212.0	80.7	66.2	26"	1"	5	1100	26"	39x29	30

AIR OUTFITS FOR CONTINUOUS OPERATION

The air requirements of some devices, such as paint spray guns and laundry machinery are quite constant. Compressor outfits used in connection with this class of equipment are generally provided with an unloader arrangement instead of a pressure switch. The function of this unloader is to permit the compressor to run without pumping air. When the air pressure drops below the set pressure, the unloader functions and the compressor resumes normal pumping operation.

SPECIFICATIONS

L — Continuous Operation Outfit with ASME Tank

New Model No.	Old Model No.	New Comp. No.	Old Comp. No.	H.P.	No. Cyl.	Speed—RPM		80 Lbs. Per Square Inch		100 Lbs. Per Square Inch		Tank Size Gals.	Ship. Weight Lbs.	Height	Length	Width	Boxed Export Cu. Ft.
						80 Lbs. Per Sq. In.	100 Lbs. Per Sq. In.	Cu. Ft. Displ.	Free Air	Cu. Ft. Displ.	Free Air						
2AL2	L 314	A	A 140	¼	2	430	400	1.21	.87	1.13	.72	20	185	28"	34½"	14"	8
5BL3	L 333	B	A 330	½	2	720	675	2.96	2.16	2.78	1.88	32	235	29½"	44½"	15"	9
7DL3	L 365	D	A 650	¾	2	470	450	4.67	3.1	4.47	2.79	32	335	32½"	44½"	15"	27
10DL6	L 665	D	A 650	1	2	620	580	6.15	4.2	5.76	3.66	60	455	40½"	48"	21"	39
15EL6	L 632	E	A 320	1½	2	530	500	9.02	6.5	8.5	6.02	60	510	43"	48"	21"	41
20FL6	L 620	F	A 2000	2	2	645	545	13.9	9.36	11.7	8.27	60	530	38½"	48"	22"	41
30GL8	L 7503	G	A 5000	3	4	485	440	20.9	15.2	18.9	13.4	80	548	42"	60"	22"	48
50GL8	L 7505	G	A 5000	5	4	750	670	33.7	20.1	30.1	19.1	80	573	42"	60"	22"	48
75JL8	L 8107	J	A 10000	7½	4	530	510	52.2	38.1	50.2	34.2	80	1065	49½"	60"	22"	52
75JL12	L 12107	J	A 10000	7½	4	530	510	52.2	38.1	50.2	34.2	120	1365	54¾"	64"	30¼"	60
100JL8	L 8101	J	A 10000	10	4	685	650	67.5	47.4	64.0	41.0	80	1155	49½"	60"	22"	52
100JL12	L 12101	J	A 10000	10	4	685	650	67.5	47.4	64.0	41.0	120	1455	54¾"	64"	30¼"	60
150KL12	L 122015	K	A 20000	15	4	600	555	98.5	72.5	91.0	64.0	120	2100	61"	69"	32"	99

NOTICE! At extra cost all "L" Models are available with Pressure Switch for Start-Stop in addition to Continuous Operation. Add "S" to model number when ordering.

SPEED AND DISPLACEMENT OF BRUNNER AIR COMPRESSORS FOR NON-STANDARD PRESSURE SWITCH SETTINGS

The standard cut-off pressure of the pressure switch on Brunner Air Outfits is 150 or 175 lbs. per square inch. If there is no value in maintaining high pressures in the air tank, the switch cut-off pressure may be lowered and the motor pulley size increased to obtain a greater delivery of air from the compressor. The table below shows the speeds and displacements of compressors for all pressure settings within the recommended operating pressure range.

GROUP 1 — 60 LBS. TO 150 LBS. PER SQUARE INCH MAXIMUM PRESSURE

Motor H.P.	New Comp. No.	Old Comp. No.	SPEED AND DISPLACEMENT AT CUT-OFF PRESSURES INDICATED									
			60 Lbs. Per Sq. In.		80 Lbs. Per Sq. In.		100 Lbs. Per Sq. In.		125 Lbs. Per Sq. In.		150 Lbs. Per Sq. In.	
			Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.
¼	A	A 140	575	1.61	520	1.46	490	1.38	430	1.21	430	1.21
½	B	A 330	.....	.....	.....	.....	.....	.....	720	2.96	720	2.96
¾	C	A 500	.....	.....	.....	.....	.....	.....	.....	.....	675	4.5
¾†	D	A 650	660	6.55	585	5.81	520	5.16	490	4.88	470	4.67
1	D	A 650	.....	.....	.....	.....	695	6.77	620	6.16	580	5.76
1½	E	A 320	595	10.6	560	9.4	500	8.52	465	7.92	435	7.4
2	F	A 2000	.....	.....	740	15.9	670	14.4	575	12.4	545	11.7
3	G	A 5000	585	25.2	485	20.9	440	18.9	.....	.....	.....	.....
5	G	A 5000	.....	.....	750	33.7	670	30.1	.....	.....	.....	.....
7½	J	A 10000	600	59.2	550	54.3	530	52.3	.....	.....	.....	.....
10	J	A 10000	750	78.0	685	67.5	650	64.0	.....	.....	.....	.....
15	K	A 20000	.....	.....	600	98.5	555	91.0	.....	.....	.....	.....

† Outfit same as 7CH3 except with "D" Compressor

GROUP 2 — 100 LBS. TO 200 LBS. PER SQUARE INCH MAXIMUM PRESSURE

Motor H.P.	New Comp. No.	Old Comp. No.	SPEED AND DISPLACEMENT AT CUT-OFF PRESSURES INDICATED							
			100 Lbs. Per Sq. In.		125 Lbs. Per Sq. In.		150 Lbs. Per Sq. In.		175 Lbs. Per Sq. In.	
			Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.	Comp. R.P.M.	Cu. Ft. Per Min.
1½	Q	A 212	525	8.8	500	8.32	465	7.73	435	7.25
2	Q	A 212	740	12.3	700	11.6	700	11.6	625	10.4
3	R	A 414	485	17.7	465	17.0	440	16.1	400	14.6
5	R	A 414	.....	.....	700	26.5	680	24.9	610	22.2
7½	S	A 17301	.....	.....	.....	.....	.....	.....	450	33.2
10	S	A 17301	.....	.....	.....	.....	.....	.....	555	41.0
15	T	A 20301	.....	.....	.....	.....	.....	.....	555	68.2